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To:

NAME:	FACSIMILE:	TELEPHONE:
MS Amendment United States Patent and Trademark Office	(703) 872-9306	(571) 272-1783

FROM: Thomas Chan

DATE: April 27, 2005

Number of pages with cover page:	19	
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Comments: RESPONSE TO OFFICE ACTION

DOCKET NO.: 559502000500  
GROUP ART UNIT: 2818  
EXAMINER: T. Le  
SERIAL NO.: 10/722,732  
FILING DATE: November 25, 2003  
INVENTOR(S): Nobuaki MATSUOKA  
TITLE: SEMICONDUCTOR MEMORY DEVICE AND METHOD FOR PROGRAMMING AND ERASING A MEMORY CELL

Papers attached:

1. Transmittal (1 page)
2. Fee Transmittal w/duplicate copy for fee processing (2 pages)
3. Petition for Extension of Time (1 page)
4. Amendment/Response (14 pages)

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pa-975554

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/722,732		
Filing Date	November 25, 2003		
First Named Inventor	Nobuaki MATSUOKA		
Art Unit	2818		
Examiner Name	T. Le		
Total Number of Pages in This Submission	18	Attorney Docket Number	559502000500

### ENCLOSURES (Check all that apply)

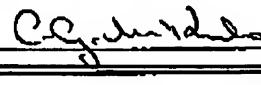
<input checked="" type="checkbox"/> Fee Transmittal Form + duplicate for fee processing (2 pages)  <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply (14 pages):  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request (1 page)  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  <input type="checkbox"/> Fax cover sheet
Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	MORRISON & FOERSTER LLP (Customer No. 25226)		
Signature			
Printed name	Thomas Chan		
Date	April 27, 2005	Reg. No.	51,543

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 672-9306, on the date shown below.

Dated: April 27, 2005

Signature:  (Carolyn G. McKubre)

PTO/SB/17 (12-04v2)

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<b>Effective on 12/08/2004. Fee pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b>		<b>Complete if Known</b>	
		Application Number	10722,732
		Filing Date	November 25, 2003
		First Named Inventor	Nobuaki MATSUOKA
		Examiner Name	T. Le
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Art Unit	281B
<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(S) 450.00</b>	Attorney Docket No.	559502000500

**METHOD OF PAYMENT** (check all that apply)

<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> None	<input type="checkbox"/> Other (please identify): _____
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 09-1952 Deposit Account Name: Morrison & Foerster LLP				

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		<u>Fees Paid (\$)</u>
	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**Fee Description

Each claim over 20 (including Reissues)

<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>
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50 25

Each independent claim over 3 (including Reissues)

200 100

Multiple dependent claims

360 180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>		<u>Multiple Dependent Claims</u>
			<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	
38 - 38 = 0	0	50.00	= 0.00		
					360.00 0.00

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
8 - 8 = 0	0	200.00	= 0.00

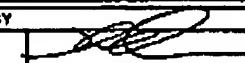
<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
	- 100 =	/50 (round up to a whole number) x 250.00 = 0.00		

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1252 Extension for response within second month

450.00

<b>SUBMITTED BY</b>	
Signature	
Name (Print/Type)	Thomas Chan

pa-975530